

PATENT ABSTRACTS OF JAPAN

(1) Publication number : 2004-135947
 (43) Date of publication of application : 13.05.2004

(3) Int.Cl.

A63 33/00
B63 57/24

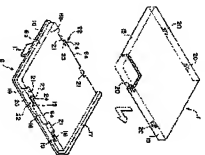
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(54) COSMETIC CONTAINER

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a cosmetic container capable of meeting a request to prevent a detailed part from being partly pressed off falling off a container body or a lid body, and capable of enhancing the flexibility to allow a purchaser to select the outer appearance as the purchaser likes.

SOLUTION: The cosmetic container comprises the container body and the lid body 6 for opening/closing the container body. The cosmetic container also has an interchangeable cover 7 releasably mounted to cover the lid body 6, a slide engagement part consisting of a recess 19 and a projection 20 mounted between the lid body 6 and the interchangeable cover 7 to slidably engage the lid body 6 and the interchangeable cover 7, and a lock part consisting of a lock projection 22 mounted between the lid body 6 and the interchangeable cover 7 for locking the lid body 6 and the interchangeable cover 7 detachably in the sliding direction of the interchangeable cover 7 to hold the interchangeable cover 7 to the lid body 6.



decision of rejection]
 [Date of extinction of right]

LEGAL STATUS

[Date of request for examination] 28.09.2005

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's

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CLAIMS

[Claim(s)]

[Claim 1]

In the cosmetics container which has a body of a container, and the lid which open and close this,

Covering for exchange of the above-mentioned lid and the above-mentioned body of a container with which covers these to either and it is equipped exchangeable at least, The slide engagement section which it is prepared [section] between the above-mentioned lid or the above-

mentioned body of a container, and the above-mentioned covering for exchange, and makes this covering for exchange engage with these lids or the body of a container free [a slide]. The

cosmetics container characterized by having the stop section which stops these both free [engaging and releasing in the slide direction of this covering for exchange] in order to be prepared between the above-mentioned lid or the above-mentioned body of a container, and the above-mentioned covering for exchange and to make this covering for exchange hold on the lid concerned or the body of a container.

[Claim 2]

The cosmetics container according to claim 1 carry out that it is the stop projection which is equipped with the heights which are prepared in another side and inserted free [the slide to this

crvice] is prepared free [elastic deformation] for said stop section in the above-mentioned crvice and is engaged free [engaging and releasing to the above-mentioned heights] either with the crvice where said slide engagement section was prepared in either of the coverings for said lid or the body of said container, and said exchange along the slide direction as the description.

[Claim 3]

The cosmetics container according to claim 2 with which said crvice and said heights are characterized by preparing the notching section for inserting the above-mentioned heights in the above-mentioned crvice free [insert and remove] at this while being suitably prepared in a location of the slide direction of said covering for exchange.

[Transition done.]

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention]

This invention relates to the cosmetics container which can raise the degree of freedom as which it can respond to the request that it is also partial separates and a decoration part falls out neither from the body of a container, nor a lid, and a purchaser can choose an appearance again according to liking.

[0002]

[Description of the Prior Art]

Generally, a cosmetics container is equipped with the body of a container which contains cosmetics, and the lid which opens this body of a container or is closed, and is constituted. And in order to raise the design nature to the body of these containers and lid which make the appearance of a cosmetics container, decoration is given by various approaches from the former. For example, and the pattern etc. was attached upwards using the imprint, sheet, transparency and a translucent layer was piled [an alphanumerical character a pattern, etc. are imprinted, or] up, and it is made to ornament at the body of a container, or a lid, [that spluttering etc. performs surface treatment]

[0003]

In addition, the applicant for this patent has applied for the application for patent, 2001-249000 as related precedences application.

[0004]

[Problems] to be Solved by the Invention]

By the way, it is the purpose of offering the cosmetics container as a product in the high quality which is full of a high-class feeling if it is in the conventional cosmetics container, that it is also partial separates and a decoration part falls out neither from the body of a container, nor a lid — as the above — even if it was in which decoration approach, separation impossible mutually the request that, it had to form in one so that a decoration part might become really indivisible to the body of a container, or a lid.

[0005]

Such a request meant that the appearance of a cosmetics container was limited to the design which the producer selected on the other hand, and the purchaser had barred enabling it to choose the design appearance of a cosmetics container freely according to liking. For this reason, a purchaser cannot find the cosmetics container of the design included in mind, but is considered that this had become the cause of reticence from buying.

[0006]

It aims at offering the cosmetics container which can raise the degree of freedom as which this invention can be originated in view of the above-mentioned conventional technical problem, and it can respond to the request that, it is also partial separates and a decoration part falls out neither from the body of a container, nor a lid, and a purchaser can choose an appearance again according to liking.

[0007]

[Means for Solving the Problem]

In the cosmetics container with which the cosmetics container concerning this invention has a body of a container, and the lid which opens and closes this Covering for exchange of the above-mentioned lid and the above-mentioned body of a container with which covers these to either and it is equipped exchangeable at least. The slide engagement section which it is prepared [section] between the above-mentioned lid or the above-mentioned body of a container, and the above-mentioned covering for exchange, and makes this covering for exchange engage with these lids or the body of a container free [a slide]. In order to be prepared between the above-mentioned lid or the above-mentioned body of a container, and the above-mentioned covering for exchange and to make this covering for exchange hold on the lid concerned or the body of a container, it is characterized by having the stop section which stops these both free [engaging and releasing in the slide direction of this covering for exchange]. It becomes possible to raise the degree of freedom as which it can respond to the request that that it is also partial separates and a decoration part falls out neither from the body of a container, nor a lid by this, and a purchaser can choose an appearance again according to liking.

[0008]

Moreover, it carries out that it is the stop projection which is equipped with the heights which is prepared in another slide and inserted free [the slide to this device], is prepared free [elastic deformation] for said stop section in the above-mentioned cavity, and is engaged free [engaging and releasing to the above-mentioned parts] after the said device where said slide engagement section was prepared in either of the coverings for said lid or the body of said container, and the stop section of the slide engagement section. By the way and the heights, it is possible to raise the stability of a lid or the body of a container, and for exchange, and while being able to secure the stable operability, easy-actuation of angle different releasing actuation of heights by the elastic deformation of a stop projection can be attained.

[0009]

Furthermore, said covers and said heights are characterized by preparing the notching section for inserting the above-mentioned heights free [insert and remove] in the above-mentioned cavity at this, while being suitably prepared in a location of the slide direction of said covering for exchange. The thing of the slide direction performed suitably in a location becomes possible about insertion of the heights into the cavity to which it shows slide actuation, a slide control input can be shortened, and facilitation of desorption actuation of covering for exchange can be attained.

[0010]

[Embodiment of the Invention]

Below, 1 suitable operation example of the cosmetics container concerning this invention is explained with reference to an accompanying drawing at a detail. The divided body 3 of the container made of synthetic resin with which the recipient device 2 was formed as the cosmetics container 1 concerning this operation example was shown in drawing 1. — drawing 3. While connecting with the body 3 order different-direction back end of a container free [the rotation to the vertical direction] through a hinge 4 and opening and closing the body 3 of a container. The lid 6 made of the synthetic resin of the shape of a board which engages with the front end of the body 3 of a container free [engaging and releasing] through hook 5, and maintaining the closed condition of the body 3 of a container concerned. If it is in either and the example of illustration even if there are few lids 6 and bodies 3 of a container, a lid 6 is equipped free [attachment and detachment], and a lid 6 mainly consists of coverings 7 for exchange made of wrap board-like synthetic resin exchangeable.

[0011]

The quality of the material of the covering 7 for exchange may be not only the product made of synthetic resin but metal. Moreover, the covering 7 for exchange covers the body 3 of a container, and may be prepared, and may be prepared for the both sides of a lid 6 and the body 3 of a container, if it is the example of illustration, although, as for the covering 7 for exchange, the flat-surface appearance profile is formed in the body 3 of these containers, the lid 6, and the list in the shape of a rectangle, you may be the shape of a polygon, and a circle configuration.

The mirror 8 is attached in the rear face of a lid 6.

Hook 5 consists of projection 10 for a hook which protrudes in the hollow 9 formed in the front end of the body 3 of a container, and a piece 11 of a hook which hangs from the front end of a lid 6 and engages with the projection 10 for a hook free engaging and releasing. Moreover, a hinge 4 consists of that the hinge block 13 made to hang from the back end of a lid 6 is put, cover the piece 12 of a hinge from these hinge blocks 13, and a hinge pin 14 is inserted acrosswise [of the body 3 of a container / right-and-left / between the pieces 12 of a hinge by which the pair protrusion was carried out from the back end and of the body 3 of a container.

[0013] If the cosmetics container 1 and this operation gestalt have the covering 7 for exchange, what

various kinds of various decoration was given is prepared so that a purchaser can choose the design-appearance of a lid 6 freely according to liking. The decoration part given to the covering 7 for these exchange is really formed in separation impossible in one indivisible by the approach of general common knowledge to the covering 7 for exchange so that that it is also prepared may separate and it may not drop out. On a lid 6, the covering 7 for exchange covers this, piece 11, and it is equipped with it. If it explains according to the example of illustration, the covering 7 for exchange is made to hang toward a lid 6 except for the back end from the periphery, and the suspension section 15 is formed.

[0014] On the other hand, except for the back end, the lid 6 formed in tabular by considerable thickness is made to project from the peripheral wall 8a lower limit to the method of the outside of horizontal, and the hinge 18 in which the suspension section 15 of the covering 7 for exchange is formed in it, moreover, over the hinge 18 of the right and left to the cross direction of a lid 6, it projects up in the back end of a lid 6 separates from top surface 8a of a lid 6, and a wall 17 for hanging the lid 6, it status and the back end of the covering 7 for exchange is contacted by the wall 17. Similarly, the suspension section 15 of the covering 7 front end for exchange is contacted by peripheral wall 8a of the lid 6 front end.

[0015] Thus, between the lid 6 and the coverings 7 for exchange which were constituted, the slide engagement section made to engage the covering 7 for exchange with a lid 6 enabling a free slide is prepared. The slide engagement section is put out between peripheral-wall 8a of the slide and left of a lid 6 between a hinge 18 and the hood 18 projected by right above [of it]. It consists of a crevice 19 suitably prepared by the latch along with the cross direction of the lid 6 limit of the slide direction and heights 20 which are prepared in suspension section 15 lower limit of crosswise right and left of the covering 7 for exchange by slit length shorter than a finger 19 towards the inside and are inserted in a crevice 19 free [a slide].

[0016] If it is in this operation gestalt, these crevices 19 and heights 20 are formed in the proper location of the slide direction of the covering 7 for exchange concerned to a lid 6 and the covering 7 for exchange. If it is in the example of illustration, although these crevices 19 and peripheral-wall 8a on either side and each suspension section 15, and back end and side two places, at least one place may be three or more places. Moreover, these crevices 19 and heights 20 are engaged in the vertical direction with the relation of the external corner and internal corner by which angle attachment of the heights 20 was carried out in the vertical direction from the crevice 19 at pulling-out impossible. Moreover, in order to meet heights 20 in the crevice 19 concerned free [insert-and-remove] in each crevice 19, the notching section 21 which makes lid top-face 8b open for free passages the front end and side is formed, and thereby, a crevice 19 is formed in the notching section 21 and a single string is a L character—the cavity. Therefore, heights 20 are inserted into a crevice 19 through the notching section 21, and the inside of a finger 19 is further slid to them by the cross direction of a lid 6 between a hood 18 and a finger 18.

[0017]

Furthermore, between a lid 6 and the covering 7 for exchange, in order to make the covering 7 for exchange hold to a lid 6, the stop section which stops these both free [engaging and releasing in the slide direction of the covering 7 for exchange] is prepared. If it is in this operation gestalt, this stop section consists of stop projections 22 which are prepared free [elastic deformation] in a crevice 19, and stop the heights 20 to slide free [engaging and releasing]. The stop projection 22 consists of an elastic piece 24 of the shape of a camblever formed in the vertical direction possible [elastic deformation], and projection 25 formed downward at the top of this elastic piece 24 by forming a slit 23 in a hood 18 by considerable die length toward the back end and side of a lid 6 from the notching section 21.

[0018] By pushing up the elastic piece 24 through projection 25, the heights 20 inserted into the crevice 19 overcome the projection 25 concerned in the slide direction, and are stopped, or it secases from them. If it is in the example of illustration, although the stop projection 22 is formed in the crevice 19 by the side of the front end of a lid 6, it may prepare in the crevice 19 by the side of the back end, and you may prepare in a front end and back end side separately by right and left of a lid 6, and it may be further prepared in all the crevices 19.

[0019] If an operation of the cosmetics container 1 concerning this operation gestalt is explained, in case the purchaser who purchased the cosmetics container 1 will exchange for the new covering 7 for exchange of other designs the covering 7 for exchange with which the lid 6 is equipped, the covering 7 for exchange is made to slide toward the front. If the covering 7 for exchange is made to slide, since heights 20 will secase from the stop projection 22, and will reach the front, and of a crevice 19, if the covering 7 for exchange is pulled apart from a lid 6 in this condition, heights 20 will slip out from a crevice 19 through the notching section 21, and, thereby, can remove the covering 7 for exchange from a lid 6.

[0020] Subsequently, in case a lid 6 is equipped with the new covering 7 for exchange, heights 20 are inserted into a crevice 19 and the covering 7 for exchange is made to slide toward back after that by lifting the crevice 19 for exchange on top of a lid 6, where heights 20 are divided with the notching section 21. When the covering 7 for exchange is made to slide, heights 20 are in the condition and the inside of a crevice 19, and will overcome the stop projection 22. It will be the same as the case of the lid 6, and the sliding of the covering 7 for exchange will be by this on the flap 16 of a lid 6. A lid 6 is used, the back end of the covering 7 for exchange and the front end of the suspension section 15 and covered by a wall 17 and the peripheral wall 8a front end, and, thereby, a lid 6 can be piled up and equipped with the covering 7 for exchange.

[0021] If it is in the cosmetics container 1 concerning this operation gestalt as explained above. The slide engagement section which it is prepared [section] between the covering 7 for exchange with which covers this to a lid 6 and it is equipped exchangeable, and a lid 6 and the covering 7 for exchange, and makes the covering 7 for exchange engage with a lid 6 free [a slide] and the covering 7 for exchange and to make the covering 7 for exchange hold to the lid 6 concerned. Since it had the stop section which stops these both free [engaging and releasing in the slide direction of the covering 7 for exchange], and which consists of stop projection 22 can exchange the covering 7 for exchange and the appearance of the cosmetics container 1 is limited to the design which the producer selected — there is nothing — as the cosmetics container 1 — a purchaser — being — responding — an appearance — as a degree of freedom — it choice highly and, thereby, attractiveness to consumers shall be raised.

[0022]

Moreover, as covering 7 for exchange, like the conventional lid etc., that it is also partial cosmetics, and a decoration part does not fall out from the covering 7 for exchange, and the cosmetics container 1 as a product, can be offered in the high quality which is full of a high-class feeling without the former and inferiority that what is necessary is just to form the decoration part of each other in separation impossible in one really indivisible therefore.

[0023]

Moreover, description actuation of the covering 7 for exchange can be easily performed only mainly by the slide actuation of the slide engagement section which consists of a cravice 19 and height 20. Furthermore, the cravice 19 in which the slide engagement section was prepared by the lid 6 along the slide direction, the heights 20 which are prepared in the covering 7 for exchange and inserted in a cravice 19 free [a slide] are tied and constituted. Moreover, since the stop section is constituted from stop projection 22 which consists of an elastic piece 24 which can return to free [elastic deformation] in a cravice 19 and heights 20, slide actuation of [engaging and releasing] and projection 22 By the cravice 19 and heights 20, slide actuation of a lid 6 and the covering 7 for exchange can be pushed out while the stable operability is securely engaged-and-releasing actuation of heights 20 can also be easy-ized by the elastic deformation of the stop projection 22.

[0024]

Moreover, while forming a cravice 19 and heights 20 in the proper location of the slide direction of the covering 7 for exchange. Since the notching section 21 for inserting heights 20 in this free [insert and remove] was formed in the cravice 19. The thing of the slide direction performed suitably in a location can become possible about insertion of the heights 20 into the cravice 19 to which it shows slide actuation, a slide control input can be set up short, and facilitation of description actuation of the covering 7 for exchange can be attained.

[0025]

By the way, what is necessary is to make it hang from the covering 7 for exchange, to form a slide protruding line, to constitute the slide engagement section, and just to include the stop section in this concave and protruding line, while forming a slide concave in top-face 8b of a lid 6, when the flat-surface appearance profile of the covering 7 for exchange is made into the shape of a polygon, or a circle configuration at the body 3 of a container, a lid 6, and a lid.

[0026]

Although this was explained to the lid 6 taking the case of the case where the covering 7 for wrap exchange is formed enabling free attachment and detachment, exchangeable if it was in this operation gestalt mentioned above in forming the covering 7 for exchange in the body 3 of a container. The slide engagement section and the stop section are prepared between the body 3 of a container, and the covering 7 for exchange, and while preparing a cravice 19, and the stop projection 22 and the notching section 21 in either the body 3 of a container, or the covering 7 for exchange in this case, heights 20 are formed in another side.

[0027]

Furthermore, although the cosmetics container 1 equipped with the hinge 4 or the hook 5 was illustrated and explained if it was in this operation gestalt, of course, you may apply to the various containers of the type which detaches and attaches a lid 6 according to screw structure or path fitting structure not only to this but to the body 3 of a container.

[0028]

[Effect of the Invention]

Above, in short, if it is in the cosmetics container concerning this invention, the degree of freedom as which it can respond to the request that, that it is also partial separates and a decoration part falls out neither from the body of a container nor a lid, and a purchaser can choose an appearance again according to liking can be raised.

[Brief Description of the Drawings]

[Drawing 1] It is the sectional slide elevation showing 1 suitable operation gestalt of the cosmetics container concerning this invention.

[Drawing 2] some lids of the cosmetics container of drawing 1 — it is a fracture decomposition perspective view.

[Drawing 3] some cosmetics containers of drawing 1 — it is a transverse-plane sectional view.

[Description of Notations]

1 Cosmetics Container 3 Body of Container

6 Lid 7 Covering for Exchange

19 Cravice 20 Heights

21 Notching Section 22 Stop Projection

[Translation done.]

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is the sectional side elevation showing 1 suitable operation gestalt of the cosmetics container concerning this invention.

[Drawing 2] some lids of the cosmetics container of drawing 1 — it is a fracture decomposition perspective view.

[Drawing 3] some cosmetics containers of drawing 1 — it is a transverse-plane sectional view.

[Description of Notations]

1 Cosmetics Container 3 Body of Container

6 Lid 7 Covering for Exchange

19 Crevise 20 Heights

21 Notching Section 22 Stop Projection

[translation done.]

本機は上記従来の課題に鑑みて削減されたものであって、座席部分が容易に本体や無体から部分的にでも利がたり、また脱落したりすることがないという要請にお応えすることができ、かつまた購買者が好みに応じて外装を望むことができる自由度を高めることができる。

に組織活動を阻害することを目的とする。

【0007】

【課題を解決するための手段】

本発明は、かかる化剤の効果を向上

[illegible][illegible][illegible][illegible]

フコクを介して硫酸亜鉛に配合されて当該硫酸亜鉛3の防止状態を維持する硫酸塩の合成樹脂製の基材6と、基材6および当該基材3の少なくともいずれか一方、図示例にあるては基材6に特設自在に設けられ、交換可能に基材6を覆う硫酸塩の合成樹脂製の交換用カバー7とから主に構成される。

交換用カバ―7の材質は合成樹脂製に限らず、金属製であってもよい。また、交換用カバ―7は各部本体3を覆って設けられてもよく、また種6および管部本体3の双方に設けられてもよい。図示例にあつては、これら管部本体3、種6、並びに交換用カバ―7は平面外形部が種8形状に形成されてもよい、多角形状や円形形状であってもよい。種6の裏面には、種8形状が付けられていてもよい。

【0012】
フック5は、窓開口体の前縁に形成された凹部9内に嵌装されたフック用突起10と、窓体6の前縁から垂下されてフック用突起10に係合自在に係合されたフック片11とから構成される。また、フック4は、窓開口体の3枚の縁部から一対の突起とフック片12間に

、機体6の後端から垂下させたヒンジプロック13が突き込まれ、これらヒンジプロック13からヒンジ片12にわたって、容器本体3の左右幅方向にヒンジピン14が挿入されることで構成される。

交換用カバーは、化粧料容器上、本実施形態においては蓋体6の意匠的外観を購買者が好みに応じて自由に選べるように、各種のさまざまな加飾が施されたものが用意されるよ

[illegible][illegible][illegible]

また、各川第1号には、当峯川第1号に凸部2.0を挿入するために、その前面と底面上6.0を差引させる切り欠き部2.1が形成され、これにより凹部1.9は、切り欠き部2.1と一緒に1.1寸の凹部として形成される。従って、凸部2.0は切り欠き

さらに、躯体6と交換用カバー7との間には、躯体6に交換用カバー7を保持させるため、躯体6の前後方向に入サイドされるようになっている。

(0017)

さらに、躯体6と交換用カバー7の間には、躯体6に交換用カバー7を保持させるため、躯体6の前後方向に入サイドされるようになっている。

る。本変態形片にあってはこの変止突起は、両側19内に横変態形自在に形成され、スクリット20を傾斜自在に形成する変止突起22から構成される。変止突起22は、図部18に切り欠き部21から軸体6の後端部に向かう斜角の長さでスクリット23を接続することによって、上下方向に弾変態形可能に形成されたカブチンバ一状の弾性部24と、この弾性部24の先端に下方向きに形成された突起25とから構成される。

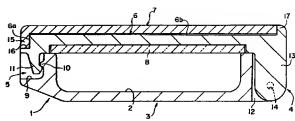
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西部 1 9 内に押入された凸部 2 0 は、突起 2 5 を介して傾斜片 2 4 を押し上げること
で、当該突起 2 5 を入り方方向に乗り越えて停止されたり、離脱とされるようになってい
る。図 6 に示されているのは、停止突起 2 2 は、また体 6 の前縁部に凹部 1 9 に設けられてい
るけれども、凹部 1 9 に設けられた、また体 6 の下で凹部 1 9 と隣接するように設けて
おける。

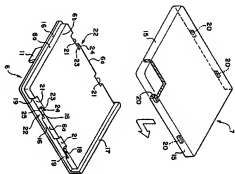
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【図 1】



【図 2】



【図 3】

